

Specification for Refrigerated Incubated Shaker

- Incubated Shaker, speed range 25 to 400 adjustable + / -1 rpm
- Plat form size should be 470 mmx 470mm ($\pm 10\%$)
- Temperature range : 20 degree below ambient to 70 degree (4 degree to 80 degree)
- Temp Accuracy $\pm 0.1^{\circ}\text{C}$ at 37°C , with a uniformity of $\pm 0.25^{\circ}\text{C}$
- Automatic start in case of power failure
- With a provision of multistep programming with shaking time, temperature and rpm
- Universal tray with clamps should have capacity to hold of variable sizes
- Shaker display should be on top for convenience.
- A provision for shelf (with adjustable height) inside the incubator for incubating petri plates is desirable
- Alams System should have audiovisual alarms if units operate + / -5 rpm and +/ -1 degC of set parameters.
- Minimum number of clamps to be supplied 100 ml, 550 ml, 500 ml -5 each
- Equipment should European CE certified.
- Validation and calibration certificate should be provided.
- At least 1 year of warranty must be given on the instrument